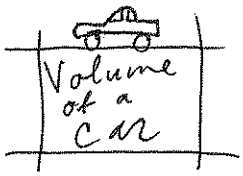

Estimation requires approximate numbers.

We can say a car is more or less a rectangular prism:

with height h, width w, length l.

Volume of this shape is $l \times w \times h = V$.

Height of a car? I'm about 5ft tall and can just see over it. So

$$h \sim 5\text{ft}.$$

Width: I can just about lay down in a car across the back seat.

$$w \sim 5\text{ft}.$$

Length: Seems around twice as long as I am tall, or maybe a bit longer.

$$l = 10 - 13\text{ft} \sim 10\text{ft}.$$

$$\text{Volume} = h \times w \times l = 5\text{ft} \times 5\text{ft} \times 10\text{ft}$$

$$\boxed{\simeq 250\text{ft}^3}$$

If asked for an order of magnitude calculation,

$$250 = 2.50 \times 10^2$$

$$\rightarrow \boxed{\sim 10^2\ \text{ft}^3}$$